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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 3

Complete if Known **Application Number** 10/625.204 Filing Date 07/23/03 Carl Gustav FIGDOR First Named Inventor Art Unit Not yet assigned Not yet assigned Examiner Name 89 DIV1 Attorney Docket Number

Sheet 1 U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Examiner **Document Number** Publication Date Name of Patentee or Relevant Passages or Relevant **Applicant of Cited Document** Figures Appear Number-Kind Code^{2 (f known)} US-US-IIS. US-US-US-US-US-US-US-US-USus-US-

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number * "Kind Code ⁸ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	τ°
MH A WO 93/01820 A2		WO 93/01820 A2	02-04-1993	Bristol-Myers S		
1	В	WO 98/55508 A2	12-10-1998	Sagami Chemical		
	C.	WO 98/55508 A3 /	12-10-1998	Sagami Chemical		L
	D	WO 96/23882 A1 /	08-08-1996	Rockefeller Uni		
	Е	WO 98/28332 A2 ✓	07-02-1998	U. of Texas		
V	F	WO 98/28332 A3 /	07-02-1998	U. of Texas		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known			
Application Number	10/625,204		
Filing Date	07/23/03		
First Named Inventor	Carl Gustav FIGDOR		
Art Unit	Not yet assigned		
Examiner Name	Not yet assigned		
Attorney Docket Number	89 DIV1		

			U. S. PATENT		
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)			Or Relevant Figures Appear	۲
MH	G	WO 98/02456 A2 /	01-22-1998	Incyte Pharmace		
MH	Н	WO 98/02456 A3 /	01-22-1998	Incyte Pharmace		
MH	1	WO 98/41633 A1 ✓	09-24-1998	Incyte Pharmace		L
MH	J	WO 98/49306 A1/	11-05-1998	Incyte Pharmace		
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	10 10 10 11 1 1 4 3 F 1 0			Application Number	10/625,204
INF	ORMATION	DIS	CLOSURE	Filing Date	07/23/03
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Carl Gustav FIGDOR
	FORMATION DISCLOSUR TATEMENT BY APPLICAN (Use as many sheets as necessary)			Art Unit	Not yet assigned
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Sheet	3	of	3	Attorney Docket Number	89 DIV1

			NON PATENT LITERATURE DOCUMENTS		
		Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²	
		к	CURTIS BM et al., "Sequence and expression of a membrane-associated C-type lectin that exhibits CD4-independent binding of human		
			immunodeficiency virus envelope glycoprotein gp120", Proc. Natl. Acad. Sci. USA 89:8356-8360 (1992).		
		L	TSUNETSUGU-YOKOTA Y et al., "Efficient Virus Transmission from Dendritic Cells to CD4+ T Cells in Response to Antigen Depends on Close		
			Contact through Adhesion Molecules", Virology 239:259-268 (1997).		
		М	ZOETEWEIJ JP and BLAUVELT A, "HIV-Dendritic Cell Interactions Promote Efficient Viral Infection of T Cells", J. Biomed. Sci. 5:253-259 (1998).		
		N	MANCA F et al., "Dendritic Cells Are Potent Antigen-Presenting Cells for In Vitro Induction of Primary Human CD4+ T-Cell Lines Specific for HIV gp120",		
			Journal of Acquired Immune Deficiency Syndromes 7:15-23 (1994).		
_		0	KNIGHT SC and PATTERSON S, "Bone Marrow-Derived Dendritic Cells, Infection with Human Immunodeficiency Virus, and Immunopathology", Annu. Rev. Immunol. 15:593-615 (1997).		
1	/	Р	GENBANK Accession No. AB015629 including updates of April 17, 1999; April 20, 1999; April 20, 1999 (later time); July 26, 2001; and July 23, 2002.		
					

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Signature	/Michelle Horning/	Considered	03/2//2000

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300	Sales for form 144074577 .	•		Application Number	10/625204	
11	NFORMATION	I DI	SCLOSURE	Filing Date	July 23, 2003	
S	TATEMENT	3Y /	APPLICANT	First Named Inventor	Carl Gustav Figdor	
	.,,,,			Art Unit	1648	
	(Use as many sh	eets as	s necessary)	Examiner Name	M. S. Horning	
Sheet	1	of	2	Attorney Docket Number	ALXN-P03-089	

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Initials*	No.1	Number-Kind Code ² (#kriown)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
MH	AA*	US-6,605,279-B2	08-12-2003	Freeman et al.		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Q'4-	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	١.	
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		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
MH	CA	Amersdorfer et al., Infection and Immunity, 65, pp. 3743-3752 (1997).			
	СВ	Andre et al., Journal of Virology, 72(2), pp. 1497-1503 (1998).			
	СС	Baribaud, Frederic, et al., "Functional and Antigenic Characterization of Human, Rhesus Macaque, Pigtailed Macaque, and Murine DC-SIGN," <i>Journal of Virology</i> , 75(21), pp. 10281-10289 (2001).			
	CD	Kataoka et al., Cancer Research, 38(5), pp. 1202-1207 (1987) – Abstract only from Biosis database.			
	CE	Cohen, Science, 287, p. 1567 (2000).			
	CF	Engering, Anneke, et al., "The Dendritic Cell-Specific Adhesion Receptor DC-SIGN Internalizes Antigen for Presentation to T Cells," <i>J. of Immun.</i> , 168, pp. 2118-2126 (2000).			
	CG	Feinberg, Hadar, et al., "Structural Basis for Selective Recognition of Oligosaccharides by DC-SIGN and SC-SIGNR," <i>Science</i> , 294, pp. 2163-2166 (2001) (with Supplementary Material published electronically on the <i>Science</i> website, 6 pgs.).			
	СН	Geijtenbeek, Teunis, B.H., et al., "Identification of DC-SIGN, a Novel Dendritic Cell-Specific ICAM-3 Receptor that Supports Primary Immune Responses," Cell, 100, pp. 575-585 (2000).			
	CI	Geijtenbeek, Teunis, B.H., et al., Cell, 100, pp. 587-597 (2000).			
	Cl	Geijtenbeek, et al., "Identification of Different Binding Sites in the Dendritic Cell-Specific Receptor DC-SIGN for Intercellular Adhesion Molecule 3 and HIV-1," J. Biol. Chem., 227(13), pp. 11314-11320 (2002).			
	СК	Gruber, Andreas, et al., "Functional Aspects of Binding of Monoclonal Antibody DCN46 to DC-SIGN on Dendritic Cells," <i>Immunology Letters</i> , 84, pp. 103-108 (2002).			
	CL	Harlow and Lane, Antibodies: A Laboratory Manual, 1988 Cold Spring Harbor Laboratory, pages 141-142.			
	СМ	Janeway, Charles, A., Jr., et al., Immunobiology, (5th ed.), Garland Publishing, New York, p.691 (2001).			
	CN	Pohlmann, Stefan, et al., "DC-SIGN Interactions with Human Immunodeficiency Virus Type 1 and 2 and Simian Immunodeficiency Virus," <i>J. of Virology</i> , 75(10), pp. 4664-4672 (2001).			
•	CO	Steinman, Cell, 287, pp. 491-494 (2000).			

Examiner Signature	/Michelle Horning/	Date Considered	09/27/2006

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Sul	Substitute for form 1449A/B/PTO			Complete If Known	
				Application Number	10/625204
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	July 23, 2003
				First Named Inventor	Carl Gustav Figdor
				Art Unit	1648
	(Use as many sheets as necessary)			Examiner Name	M. S. Horning
Sheet	2	of	2	Attorney Docket Number	ALXN-P03-089

	CP	Toda, et al., Immunology, 92, pp. 111-117 (1997).		
МН	CQ	Vakeva, Antti, P., et al., "Myocardial Infarction and Apoptosis After Myocardial Ischemia and Reperfusion," Circulation, 97, pp. 2259-2267 (1998).		
CR		Woodle, E.S., et al., Translplantation, 68, pp. 608-616 (1999).		
	CS	FDA Approves Second Indication for Monolclonal Antibody, June 28, 1993, printed on November 12, 2004 from http://www.fda.gov/bbs/topics/ANSWERS/ANS00506.html, June 28, 1993.		
	СТ	Product Information for Affinity Purified anti-human CD209 (DC-SIGN) antibody, from eBioscience, printed on January 5, 2004 from http://www.ebioscience.com/ebioscience/specs/antibody_14/14-2099.htm		
	CU	Product information for CDN46, Purified Mouse Anti-Human Monoclonal Antibody, BD PharMingen Technical Data Sheet, BD Biosciences Product Information sheet, Catalog Number 551186, 05/01/01.		
	CV	Package insert for Orthoclone OKT3 Sterile Solution (murumonab-CD3) from Ortho Biotech Products LP, Raritan, NJ, Revised March 2001.		
V	cw	Sequence Alignment of Curtis et al., PNAS 89: 8356-8360 (1992) with SEQ ID NO: 2 from U.S.S.N. 09/719,961.		

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